

Converting Colors

Hex(295270)

Have a look what the booklet for
Hex(295270) contains.

Hex(295270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(295270)

Conversions

Conversions Part 1

Format	Color
Hex	295270
RGB	41, 82, 112
RGB Percent	16%, 32%, 44%
CMY	0.8392, 0.6784, 0.5608
CMYK	0.63, 0.27, 0.00, 0.56
HSL	205°, 46%, 30%
HSV	205°, 63%, 44%
XYZ	6.8564, 7.6759, 16.4495
YIQ	73.1610, -34.0660, 0.6380

Conversions

Conversions Part 2

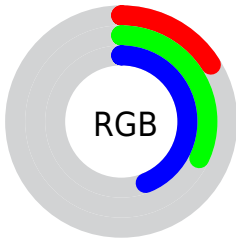
Format	Color
R_{YB}	41, 67, 112
Decimal	2708080
CIE Lab	33.30, -4.35, -21.52
CIE LCh	33, 21.958, 258.564
Yxy	7.6759, 0.2213, 0.2478
Android (android.graphics.Color)	4280898160 (0xFF295270)
YUV	73.1610, 19.1476, -28.2052
Hunter-Lab	27.7053, -4.3101, -15.8084




Details

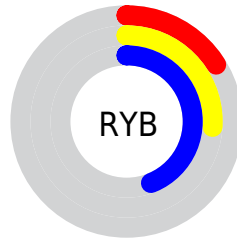
The Hex color **295270** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **704729**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **5D83A4**, and **002640** is the 20% darker color. If you saturate the color by 10%, you get **1E4D70**, and if you desaturate by 10%, it is **345770**.

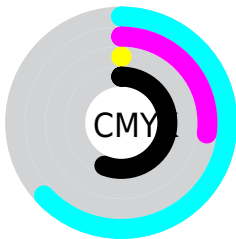
Distribution







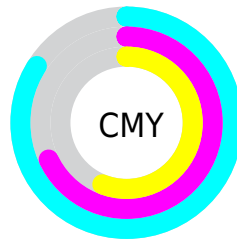
-  Red (16%)
-  Green (32%)
-  Blue (44%)






-  Red (16%)
-  Yellow (26%)
-  Blue (44%)



-  Cyan (63%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295270 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 295270 by changing the saturation by 10% instead.

■ 295270

■ 295270

FFFFFF

■ 093B57

■ 5D83A4

■ 002640

■ 789DBF

■ 00112A

■ 93B8DB

■ 000115

■ AED4F7

■ 000000

■ CAF0FF

■ E7FFFF

■ 295270

■ 295270

■ 1E4D70

■ 345770

■ 134970

■ 3F5B70

■ 074470

■ 4B6070

■ 004170

■ 566570

■ 616A70

■ 6C6E70

■ 777370

■ 837870

■ 8E7D70

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



085668



295270



474C6F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



295270



704144



3B5537

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



295270



704729

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4F512D



295270



6B4535

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



295270



6C4156



604B2C



245747

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



295270



574869



604B2C



425433

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



295270



768691



297047



39434A



C9C9C9



4A4A4A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



295270



236391



292F70



323638



004578



008FF7

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



702952



912363



706A29



383236



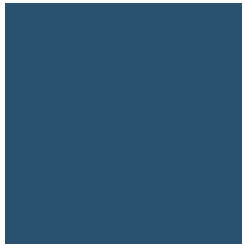
780045



F7008F

Previews

White Background



This preview shows how the Hex color 295270 looks on a white background.

Color Contrast Check

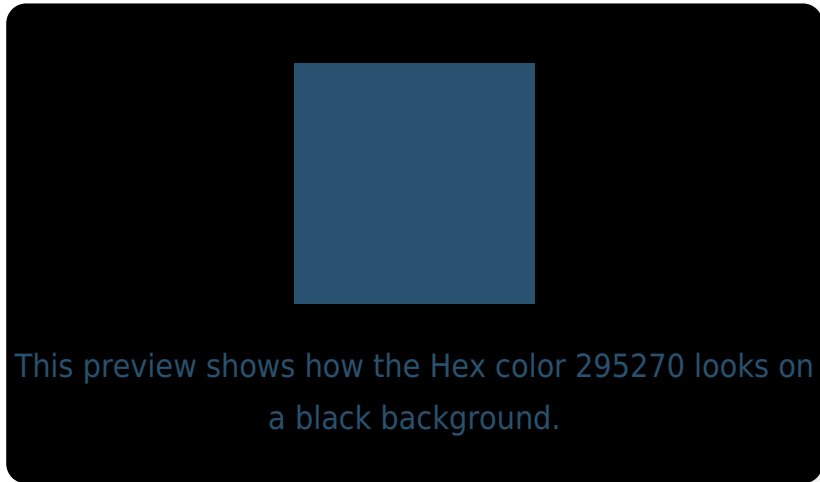
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

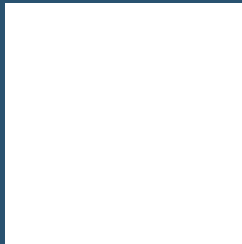
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 295270 Background



This preview shows how black text looks on a background with the Hex color 295270.

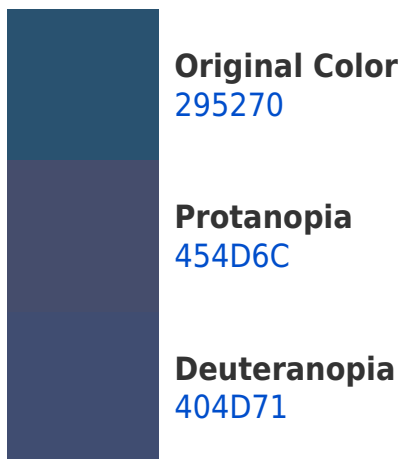



This preview shows how white text looks on a background with the Hex color 295270.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
1F565D

Trichromacy



Original Color
295270

Protanomaly
3B4F6D

Deuteranomaly
384F71

Tritanomaly
235564

Monochromacy



Original Color
295270

Achromatopsia
494949

Achromatomaly
3D4C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 295270 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #295270 looks like.

```
.text, #text, p{  
    color:#295270  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #295270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295270
}
```

Border

The CSS property to change the border of an element to Hex 295270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#295270 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#295270 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #295270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295270; -webkit-box-shadow:4px 4px  
4px 4px #295270; box-shadow:4px 4px 4px  
4px #295270 }
```

Background

The CSS property to change the background color of an element to Hex 295270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295270 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#295270 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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